Public Works (1897) Department.

G.O., No. 788

DATED 26 August 1897

24/6/97

[Despatch Abstract.]

XII Branch Channel, Periyar Project: Revised estimate of Rs. 3,600 for excavating No. 3 distributary channel from left sluice of drop No. 5 —, sanctioned and a copy of the Pros: ordered to be forwarded to the Govt. of India.

XII Branch Channel, Periyar Project. Forwarding copy of Pros: sanctioning a revised estimate of Rs. 3600 for excavating No. 3 distributary channel from left sluice of drop No. 5 —.

P.W. 20.
3,500—30-11-96.

Indexed.

IRRIGATION.
ACCOUNT.

Government (1897) of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 788, 789 I., 26th August 1897.

AUGUST.

12th Branch Channel, Periyar Project

Forwarding copy of Proceedings sanctioning a revised estimate of Rs. 3,600 for excavating No. 3 distributary channel from left sluice of drop No. 5, —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

Memorandum to the Superintending Engineer, VI Circle, dated 20th March 1897, No. VI/34 M.D.

The attention of the Superintending Engineer is called to the large cost of distributaries Nos. 3, 4 and 7 from the 12th Branch channel, the average coming to Rs. 7 per acre expected to be irrigated, and he is requested to instruct the Executive Engineer to see if channels which have still to be excavated cannot be laid out more on contours so as to avoid heavy expenditure on drops—of course heavy cross drainage works have to be avoided.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

From T. W. S. SMYTH, Esq., Special Executive Engineer, Madura, to the Superintending Engineer, VI Circle, dated 31st March 1897, No. 120 S.E.

With reference to Irrigation Chief Engineer's memo., No. VI/34 M.D., I have the honour to inform you that a better and cheaper, though longer, line has been found for the 3rd distributary of 12th Branch channel and that a new estimate will shortly be submitted in place of that for Rs. 3,190 sent with this office No. 110 E., dated 18th January 1897.

2. No improvement can be made in the line of No. 4, nor I think in No. 7, but if any improvement is found possible during the execution, it will be carried out.

No. 544 M.D.

Copy forwarded to the Chief Engineer for Irrigation in reference to his No. VI/34 M.D., dated 20th ultimo. The estimate referred to in the letter will be submitted as soon as it has been received from the Executive Engineer, and the estimate for the 3rd distributary channel in question need not therefore be sanctioned.

(Signed) O. V. BODDY, Lieut.-Col., R.E.,
Supg. Engr., VI Circle.

7th April 1897.

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 2nd August 1887, No. 1090 M.D.

With reference to paragraph 2 of your memo. No. VI/47 M.D., dated 13th April 1897, I have the honour to forward, for your approval and sanction, a fresh estimate amounting to Rs. 2,950 for No. 3 distributary channel taking off the left sluice of drop No. 5 at 1 mile and 1,620 feet of the 12th Branch channel.

2. The estimate is submitted in supersession of that for Rs. 3,570 sanctioned in G.O., No. 261 I., dated 13th April 1897.

3. The length of the original alignment of the channel is 6,300 feet and five drops are provided, but by the re alignment the length is increased to 7,500 feet but only four drops are required. The cost of the distributary is over Rs. 7 per acre, and this cannot be further reduced.

4. The Executive Engineer has allowed slightly increased rates for earthwork and gravel, that is, Rs. 2–12–0 for the former and Rs. 4 for the latter; but with these increased rates and the increased length of the line, the savings due to the decrease in embankments and omission of a drop amount to Rs. 620. Roughly allowing an average return of Rs. 5 per acre, the return per annum will be Rs. 2,000, and the estimate may be classed as remunerative, the probable date of completion of the work being 31st March 1899.

5. No comparative statement is submitted as the estimate is based on a new alignment.

6. The usual mileage and land statement accompany the estimate which is recommended for sanction.

No. 161 I.

Submitted to Government. On the suggestion of the undersigned, a better and cheaper line has been now selected for the No. 3 distributary channel taking off from the left sluice of drop No. 5 at 1 mile 1,620 feet, 12th Branch channel, Periyár project. As revised, the channel is 1 mile 2,220 feet long and will cost Rs. 620 less than that sanctioned in G.O., No. 361 I., dated 13th April 1897. The channel will irrigate 400 acres of land, and will be maintained by Government. It is classed as "remunerative," the revenue expected therefrom being Rs. 2,000 per annum.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

17th August 1897.

ORDER—No. 788 I., dated 26th August 1897.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 3,570 sanctioned in G.O., No. 361 I., dated 13th April 1897:—

Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár Project.
Open Capital Account.
3. Distributaries.
12th Branch Channel.
Excavating No. 3 Distributary Channel from left sluice of Drop No. 5.
Remunerative Work.

		RS.	RS.
2. Land—	(1) Compensation for land ...	195	195
3. Works—	(2) Four 6-ft drops at Rs. 400 each ...	1,600	
	(3) Eight 6-inch earthenware pipe-sluices at Rs. 30 each ...	240	
	(4) One 9-inch earthenware pipe-sluice ...	55	1,895
4. Earthwork—	(5) Excavation ...	842	842
5. Miscellaneous—	(6) Demarcation stones ...	18	18
	Total I Works ...		2,950
	II Establishment ...		634
	III Tools and plant ...		16
	Total estimate ...		3,600

2. This sanction is registered as No. 77 I., of 1897–98 and will expire on the 31st March 1899.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 789 I., dated 26th August 1897.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with seventeen enclosures.
" Examiner, Public Works Accounts.

ENDORSEMENT—No. 789 I., dated 26th August 1897.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

His Excellency the Governor — No. 788 I, 26-8-97 Irrigation

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

Estimate for No. 3 distributary of 12" Branch channel of the Periyar Project—

PROCEEDINGS OF THE MADRAS GOVERNMENT.

From the Chief Engr. for Irrn. to S.E. VI circle No. VI/54 M.D. d. 20.3.97
From the Ex. Engr. Special Divn. to S.E. VI. circle No. 289 dated 31.3.97
Endorsement of S.E. VI. No. 5464 M.D. d. 9. 4. 97

UNDER date the

READ the following

From the Superg. Engineer, Sixth Circle. (H.E. No. 1090-M.D. dated 2.8.97).

No. 161-I d/17-8-97

Submitted to Government.

The No. 3 distributary Channel taking off from the left sluice of drop No. 5 at 1 m. 1620 ft. XII Branch Channel Periyar Project, ~~is~~, as revised, the channel is 1 m. 2220 ft. long, ~~and~~ the channel will irrigate 400 acres of land. It will be maintained by Government, ~~and~~ It is classed as "remunerative," the revenue expected therefrom being Rs. 2000 per annum.

On the suggestion of the undersigned a better & cheaper line has been now selected for ~~[illegible]~~

and will cost Rs. 620 ~~[illegible]~~ less than that sanctioned in G.O. No. 361 I dated 13th April 1897.

W.H.

17.8.97

[initials] 16/8/97

No. 788 I, d/ 26-8-97

Order thereon.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 3,570. sanctioned in G.O. No. 361. I, dated 13 April 1897:—

Capital

Issue

W.H.

20.8.97

[illegible]

Capital Expenditure not charged to Revenue.

49, Irrigation.

Periyar Project.

Open Capital Account.

3, Distributaries.

XII Branch Channel.

Excavating No. 3 Distributary Channel from left sluice of drop No. 5.

Remunerative Work.

		Rs.	Rs.
2. Land.	(1). Compensation for land.	195.	195.
3. Works.	(2). Four 6-ft. drops @ Rs. 400 each	1600.	
	(3). Eight 6-inch Earthenware pipe-sluices @ Rs. 30 each	240.	
	(4). One 9-inch Earthenware pipe-sluice.	55.	1895
4. Earthwork.	(5). Excavation.	842.	842.
5. Miscellaneous.	(6). Demarcation Stones	18.	18
	Total I. Works.	2,950.	
	II. Establishment.	634.	
	III. Tools & plant.	16.	
	Total Estimate	3,600.	

2. This sanction is registered as No. 779 of 1897-98 and will expire on the 31st March 1899.

3. Ordered that a copy of these Proceedings be forwarded to the Govt. of India for information.

No. 789 dd 28-8-97 Endorsement.

Forwarded.

W.H. 17.8.97

To The Chief Engineer for Irrigation
" Supg. Engineer, Sixth Circle, Guntur
" Examiner, P.W. Accounts. 17 Endos

7/9/97

7/9/97

A.94 20.8.97

E. I. Form No. 1—1,000—2-2-97.

13/8/97

Public Works (1897) Department.

CURRENT No. 8519

Order

From

The Chief Engineer for Irrigation

No. 1618

Dated 17.8.97

Received 26.8.97

Enclosures 21 (5 plans)

Spare copies

SUBJECT.

XII Branch Channel—Periyar Revised Estimate for No 3 Distributary taking off the left sluice of Drop No 5 at 1 m 1600 ft submitted with remarks of the —

F.E.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

C.E.I.
9-8-97

Public Works (1897.) Department.

CURRENT No. 96 M.D.

Order

From

The Supdg. Engineer
N. Circle

No. 1090. M.D.

Dated 2nd August 1897.

Received 5 — Do —

Enclosures 6.

Spare copies

SUBJECT.

XII. Branch channel Periyar — forwards for approval and Sanction a fresh Estd for No. 3 Distributary taking off the left Sluice of Drop No. 5 at 1 mile and 1600 ft of the —.

To D.E.I. for orders if the Estimate may be sanctioned after check by C.E.I.

7/8/97

To C.E.I. Check
7/8/97

7/8/97

BACK PAPERS.	
No.	Date.
I 47 InDg	13-4-97
R 261. I.D	4. 5. 97
R 54	7-4-97

FURTHER PAPERS.	
No.	Date.

No. 1090. M.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Trichinopoly, 2nd August 1897.
D/4

From

Lt Col. O.V. Boddy R.E.
Superintending Engineer,
6th Circle.

LR

To

The Chief Engineer,
for Irrigation

SIR,

ENCLOSURES. 6.

1 Estc with classification abstract complete.
1. Sketch map.
1. Longl. Section
1. plan of fall
1. do. of 6" pipe Sluice
1. do. 9" pipe Sluice.

With reference to para 2 of your Memorandum No: 17/47 M.D. dated 13 April 1897, I have the honor to forward for your approval & sanction a fresh estimate amounting to Rs 2,950 for No: 3. Distributary Channel taking off the left sluice of Drop No: 5 at 1 mile & 1600 ft. of the 12 Branch Channel.

2. The estimate is submitted in supersession of that for Rs 3570 sanctioned in G.O. No: 361 I d/13 April 1897.

3. The length of the original alignment of the channel is 6300 feet and 5 drops are provided but by the realignment the length is increased to 7500 ft. but only 4 drops are required. The cost of the Distributary is over Rs 7 per acre and this cannot be further reduced.

09427

4. The Executive Engineer has allowed slightly increased rates for earthwork & gravel, that is, Rs 2-12-0 for the former & Rs 4 for the latter; but with these increased rates and the increased length of the line the savings due to the decrease in em-bankments and omission of a drop amount to Rs 620. Roughly allowing an average re-turn of Rs 5 per acre the return per annum will be Rs 2000, & the estimate may be classed as remunerative, the probable date of com-pletion of the work being ~~April~~ 31st March 1899.

96 M.D

5. No comparative statement is submitted as the estimate is based on a new align-ment.

6. The usual mileage and land state-ment accompany the estimate which is recommended for sanction.

I have the honor to be
Sir,
Your most obedt. Servant,

J. V. Bodley Lt.-Col. R.E.
Supdg. Engineer, [illegible] Circle

Ows. 1 8/9/97

[illegible] 9/8/97

Public Works (1897) Department.

CURRENT No. 54 M.D.

7883/1897

Order No 47/47 M.D. d/13.4.97

With reference to endorsement No. 544 M.D. of 7inst, of the S.E. VI, the undersigned has the honour to inform him that the estimate of Rs 3190 for the 3rd distributary of the XII branch channel has already been sanctd. A copy of the G.O. will shortly be communicated to the Supg Engr.

2. The submission of the fresh estimate for the work should be expedited.

[signature] 13/4/97

W.H. 13.4.97

DW 419 8519/97

To The S.E. VI

[initials] 12/4/97

From

The Supg Engineer 6th Circle

No. 544 M.D.

Dated 7th April 1897

Received 10.4.97

Enclosures —

Spare copies

SUBJECT.

Distributaries No. 3. 4 & 7 from the 12th Branch channel of the Periyar Project.

Forwards copy of letter from the Executive engineer on special duty, Madura stating that a new estimate will shortly be submitted in place of the one submitted already & that no improvement can be made in the lines of Nos 4 & 7 distributaries.

Papers

9. [initials] 10/4/97 [signature] 10/4/97 [initials] 12/4/97

BACK PAPERS.

~~G.O.~~	No.	~~Department.~~	Date.
	934 M.D.	of	20.3.97

FURTHER PAPERS.

~~G.O.~~	No.	Department.	Date.
Issue	47 M.D.		13-4-97
R	96 M.D.	of	2-8-97

2P

From T. W. S. Smyth Esquire, Special Executive Engineer, Madura, to the Supg Engineer, VI Circle, No: 120 S.E. dated 31 March 1897:—

With reference to Irrigation Chief Engineer's memo. No: $\frac{VI}{34 M.S.}$, I have the honor to inform you that a better & cheaper though longer line has been found for the 3rd Distributary of XII Branch Channel and that a new estimate will shortly be submitted in place of that for Rs 3,190 sent with this office No: 110 E. dated 18th January 1897.

2. No improvement can be made in the line of No: 4, nor I think in No: 7, but if any improvement is found possible during the execution, it will be carried out.

No: 544 M D of 7th April 1897 of 97

Copy forwarded to the Chief Engineer for Irrigation in reference to his No: $\frac{VI}{34 M.S.}$ dated 20 ultimo. The

estimate referred to in the letter will be submitted as soon as it has been received from the Executive Engineer and the estimate for the 3rd Distributary Channel in question need not therefore be sanctioned.

O. V. Bodelly Lt. Col. R.E.
Supg Engineer, IV Circle

CHIEF ENGINEER
FOR IRRIGATION.
10 APR. 1897
No. 154 Md

No. $\frac{VI}{34: Ind}$ Dy 20-3-97

1P

S.E. VI.

The attention of the S.E. is called to the large cost of distributaries No 3.4. and 7 from the 12th Branch Channel, the average coming to Rs 7 per acre expected to be irrigated and he is requested to instruct the E.E. to see if channels which have still to be excavated ~~stopped~~ cannot be laid out more on contours so as to avoid ~~the~~ heavy expenditure on drops — Of course heavy cross drainage works have to be avoided ~~but~~

W.H.

20/3/97

R23 und/57